

ABSTRACT OF THE DISCLOSURE

An impingement flow for wall parts (3) is distinguished by a plurality of impingement orifices (2) which are arranged areally in a plane or curved carrier (1), the carrier being arranged at a distance from the wall part, and the impingement surface, to be cooled, of the wall part (3) being designed as a relief. That side of the wall part (3) which faces the impingement jet is provided with a number of troughs (4) arranged next to one another, at least one impingement jet per trough (4) being provided. That side of the wall part (3) which is remote from the impingement jet is of at least roughly plane design. The troughs (4) have the shape of a circle segment or of a base area related thereto.

(Fig. 1)